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are not required, the OCMI must be satisfied that the nature of this qualifying service (i.e., size of vessel, route, equipment, etc.) is a reasonable equivalent to the duties performed on vessels which are required to engage licensed individuals.

(d) When the qualifying service is obtained upon vessels of five gross tons or less, the license will be limited to vessels of not more than 25 gross tons.

§ 10.452 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 200 gross tons.

(a) The minimum service required to qualify an applicant for a license as master of Great Lakes and inland steam or motor vessels of not more than 200 gross tons is one year of service on vessels. Six months of the required service must have been as master, mate, or equivalent supervisory position while holding a license as master, mate, master or mate (pilot) of towing vessels, or operator uninspected passenger vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the license will be limited to the inland waters of the United States (excluding the Great Lakes).

(b) In order to obtain an endorsement on this license for sail or auxiliary sail vessels, the applicant must have six months of service on sail or auxiliary sail vessels. The required six months of service may have been obtained prior to issuance of the master's license.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999]

EFFECTIVE DATE NOTE: By USCG-1999-6224, 64 FR 63228, Nov. 19, 1999, §10.452, was amended in paragraph (a) by removing the words "operator or second-class operator of uninspected towing vessels" and adding, in their place, the words "master or mate (pilot) of towing vessels", effective Nov. 20, 2000.

§ 10.454 Service requirements for mate of Great Lakes and inland steam or motor vessels of not more than 200 gross tons.

(a) The minimum service required to qualify an applicant for a license as mate of Great Lakes and inland steam or motor vessels of not more than 200 gross tons is six months of service in the deck department of steam or motor, sail, or auxiliary sail vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the license will be limited to the inland waters of the United States (excluding the Great Lakes).

- (b) In order to obtain an endorsement on this license for sail or auxiliary sail vessels, the applicant must submit evidence of three months of service on sail or auxiliary sail vessels.
- (c) A license as master of steam or motor vessels may be endorsed as mate of sail or auxiliary sail vessels upon presentation of three months service on sail or auxiliary sail vessels.
- (d) The holder of a license as operator of inland uninspected passenger vessels may obtain this license by successfully completing an examination on rules and regulations for small passenger vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the license will be limited to the inland waters of the United States (excluding the Great Lakes).
- (e) In order to obtain a tonnage endorsement of over $100~{\rm gross}$ tons, the applicant must complete the additional examination topics indicated in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 140, Jan. 4, 1980]

§10.455 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 100 gross tons.

(a) The minimum service required to qualify an applicant for a license as master of Great Lakes and inland steam or motor vessels of not more than 100 gross tons is one year of total service in the deck department of steam or motor, sail, or auxiliary sail vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on